

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER 112857-506
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 10/563508
INTERNATIONAL APPLICATION NO. PCT/JP04/009609	INTERNATIONAL FILING DATE June 30, 2004	PRIORITY DATE CLAIMED July 7, 2003
TITLE OF INVENTION FUEL CELL APPARATUS AND METHOD FOR FEEDING A FUEL FOR FUEL CELL		
APPLICANT(S) FOR DO/EO/US Sudo et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 551746909 US 		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/4563508		INTERNATIONAL APPLICATION NO. PCT/JP04/009609		ATTORNEY'S DOCKET NUMBER 112857-506																																																																																																																																																									
23. Other items or information: Return receipt postcard; Formal Drawings (4 pgs.); Forms (301, 304, 308, Forms PCT/ISA/220, 210, 237																																																																																																																																																													
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td colspan="2">24. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td colspan="2">CALCULATIONS PTO USE</td> </tr> <tr> <td colspan="2"></td> <td>\$</td> <td>\$300.00</td> <td></td> </tr> <tr> <td colspan="2">25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article</td> <td>\$0</td> <td>\$</td> <td>\$200.00</td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$200</td> <td></td> <td></td> </tr> <tr> <td colspan="2">26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . .</td> <td>\$0</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority.</td> <td>\$100</td> <td>\$400.00</td> <td></td> </tr> <tr> <td colspan="2">International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB.</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$500</td> <td></td> <td></td> </tr> <tr> <td colspan="4">TOTAL OF 24, 25 and 26 =</td> <td>\$</td> <td>\$900.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td colspan="2">Number of each additional 50 or fraction thereof (round up to a whole)</td> <td colspan="2">RATE</td> </tr> <tr> <td>21 - 100 =</td> <td>0 /50 =</td> <td colspan="2">0</td> <td>x \$250.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="3">RATE</td> </tr> <tr> <td>Total claims</td> <td>8 - 20 =</td> <td>0</td> <td>x \$50.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIMS (if applicable)</td> <td><input type="checkbox"/> +</td> <td>\$360.00</td> </tr> <tr> <td colspan="4"></td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> <td>\$900.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. </td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="4"></td> <td>SUBTOTAL =</td> <td>\$ 900.00</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="4"></td> <td>TOTAL NATIONAL FEE =</td> <td>\$ 900.00</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="4"></td> <td>TOTAL FEES ENCLOSED =</td> <td>\$ 900.00</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be</td> <td>\$</td> </tr> </table>				24. <input checked="" type="checkbox"/> Basic national fee		\$300	CALCULATIONS PTO USE				\$	\$300.00		25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article		\$0	\$	\$200.00	All other situations.....		\$200			26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . .		\$0	\$		Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority.		\$100	\$400.00		International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB.		\$400			All other situations.....		\$500			TOTAL OF 24, 25 and 26 =				\$	\$900.00	<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE		21 - 100 =	0 /50 =	0		x \$250.00	\$ 0.00	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	8 - 20 =	0	x \$50.00	\$	\$0.00	Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00	MULTIPLE DEPENDENT CLAIMS (if applicable)				<input type="checkbox"/> +	\$360.00					\$	\$0.00	TOTAL OF ABOVE CALCULATIONS =				\$	\$900.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	\$0.00					SUBTOTAL =	\$ 900.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	\$0.00					TOTAL NATIONAL FEE =	\$ 900.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00					TOTAL FEES ENCLOSED =	\$ 900.00					Amount to be	\$					Amount to be	\$
24. <input checked="" type="checkbox"/> Basic national fee		\$300	CALCULATIONS PTO USE																																																																																																																																																										
		\$	\$300.00																																																																																																																																																										
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article		\$0	\$	\$200.00																																																																																																																																																									
All other situations.....		\$200																																																																																																																																																											
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . .		\$0	\$																																																																																																																																																										
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority.		\$100	\$400.00																																																																																																																																																										
International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB.		\$400																																																																																																																																																											
All other situations.....		\$500																																																																																																																																																											
TOTAL OF 24, 25 and 26 =				\$	\$900.00																																																																																																																																																								
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																																																																																																																																																									
21 - 100 =	0 /50 =	0		x \$250.00	\$ 0.00																																																																																																																																																								
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																																																																																																													
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																																																										
Total claims	8 - 20 =	0	x \$50.00	\$	\$0.00																																																																																																																																																								
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00																																																																																																																																																								
MULTIPLE DEPENDENT CLAIMS (if applicable)				<input type="checkbox"/> +	\$360.00																																																																																																																																																								
				\$	\$0.00																																																																																																																																																								
TOTAL OF ABOVE CALCULATIONS =				\$	\$900.00																																																																																																																																																								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	\$0.00																																																																																																																																																								
				SUBTOTAL =	\$ 900.00																																																																																																																																																								
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	\$0.00																																																																																																																																																								
				TOTAL NATIONAL FEE =	\$ 900.00																																																																																																																																																								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00																																																																																																																																																								
				TOTAL FEES ENCLOSED =	\$ 900.00																																																																																																																																																								
				Amount to be	\$																																																																																																																																																								
				Amount to be	\$																																																																																																																																																								

10/563508

IAP15 Rec'd PCT/PTO 05 JAN 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. A check in the amount of \$ \$900.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Thomas C. Basso (46,541)

Cust. No. 29175


SIGNATURE

Thomas C. Basso

NAME

46,541

REGISTRATION NUMBER

January 5, 2006

DATE

10/563508

JAP15 Rec'd PCT/PTO 05 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sudo et al.
Appl. No.: Unknown
Conf. No.: Unknown
Filed: January 5, 2006
Title: FUEL CELL APPARATUS AND METHOD FOR FEEDING A FUEL FOR FUEL CELL
Art Unit: Unknown
Examiner: Unknown
Docket No.: 112857-506

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (dup.);
2. Int'l App. as filed (14 pgs.);
3. English Trans. of Int'l App. as filed (17 pgs.);
4. Executed Dec. and POA (8 pgs.);
5. IDS; PTO Form 1449; Refs. Cited;
6. Preliminary Amendment (6 pgs.);
7. Formal Drawings (4 sheets);
8. Form PCT/IB/301, 304, 308, PCT/ISA/220, 210, 237;
9. Check in the amount of \$900.00; and
10. Return receipt postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on January 5, 2006.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence



Signature

EV 551746909 US

Express Mail Mailing Label Number